Program Executive Office Air, Space and Missile Defense

Space Acquisition Initiatives – Seamless Integration, Space to Mud

An Acquisition Perspective

Presented To

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Presented By
Mr. Tony Cosby

Assistant Program Executive Officer for Air, Space and Missile Defense

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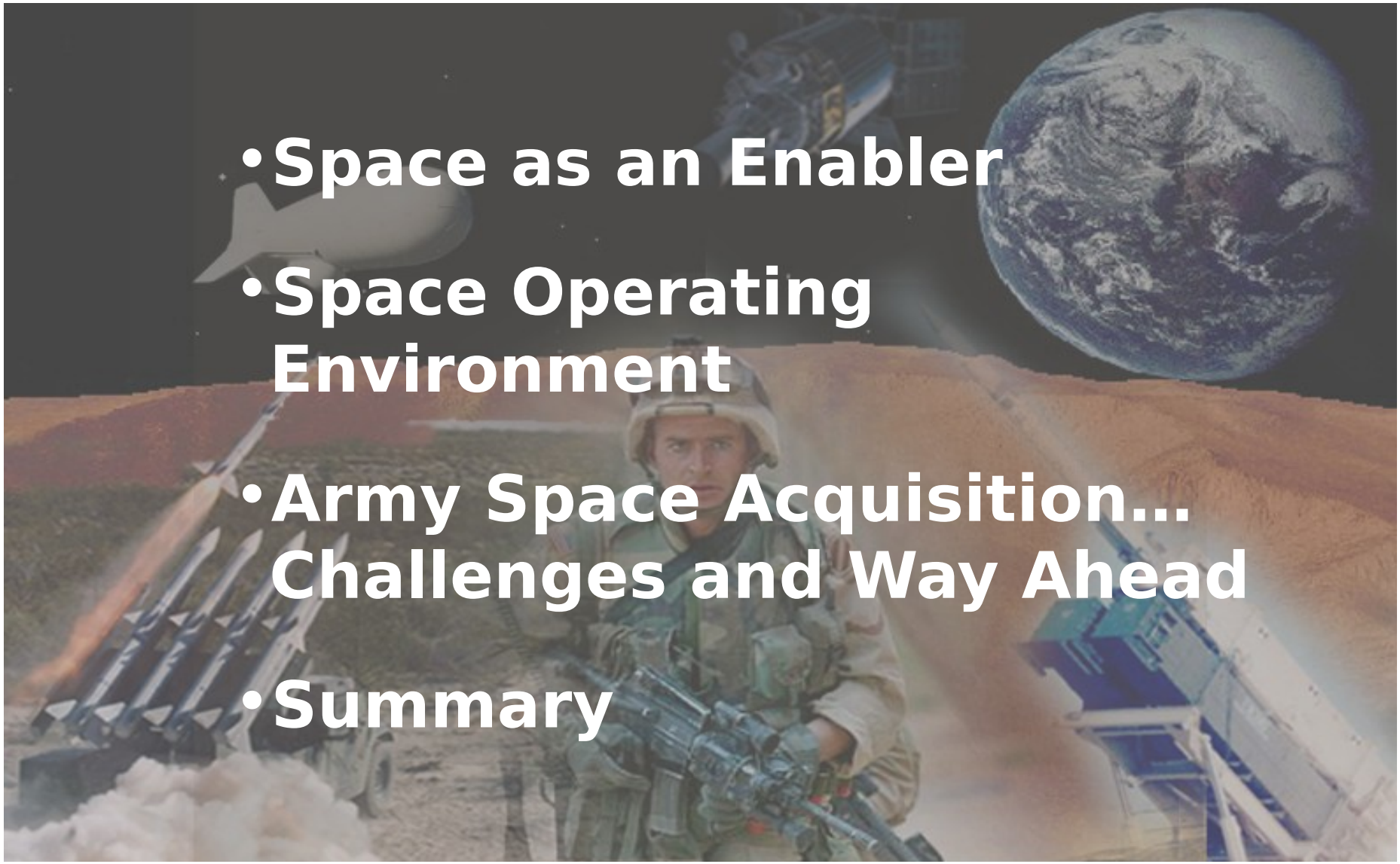
DISCUSSION TOPICS



- Space as an Enabler
- Space Operating Environment
- Army Space Acquisition… Challenges and Way Ahead
- Summary

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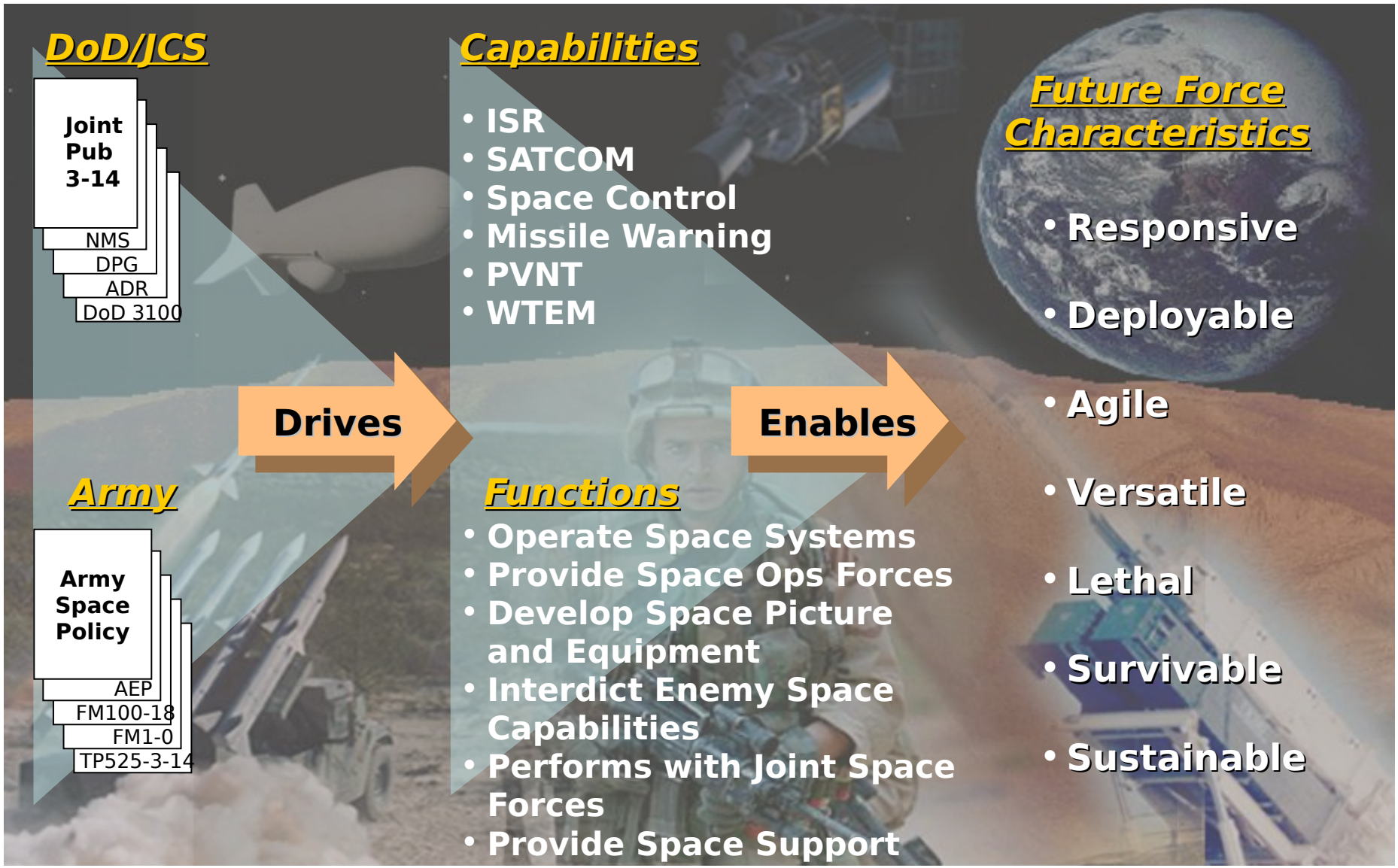
SPACE… A KEY ENABLER FOR FUTURE FORCE



DoD/JCS

- Joint Pub 3-14
- NMS
- DPG
- ADR
- DoD 3100

Army

- Army Space Policy
- AEP
- FM100-18
- FM1-0
- TP525-3-14

Drives

Capabilities

- ISR
- SATCOM
- Space Control
- Missile Warning
- PVNT
- WTEM

Functions

- Operate Space Systems
- Provide Space Ops Forces
- Develop Space Picture and Equipment
- Interdict Enemy Space Capabilities
- Performs with Joint Space Forces
- Provide Space Support

Enables

Future Force Characteristics

- Responsive
- Deployable
- Agile
- Versatile
- Lethal
- Survivable
- Sustainable

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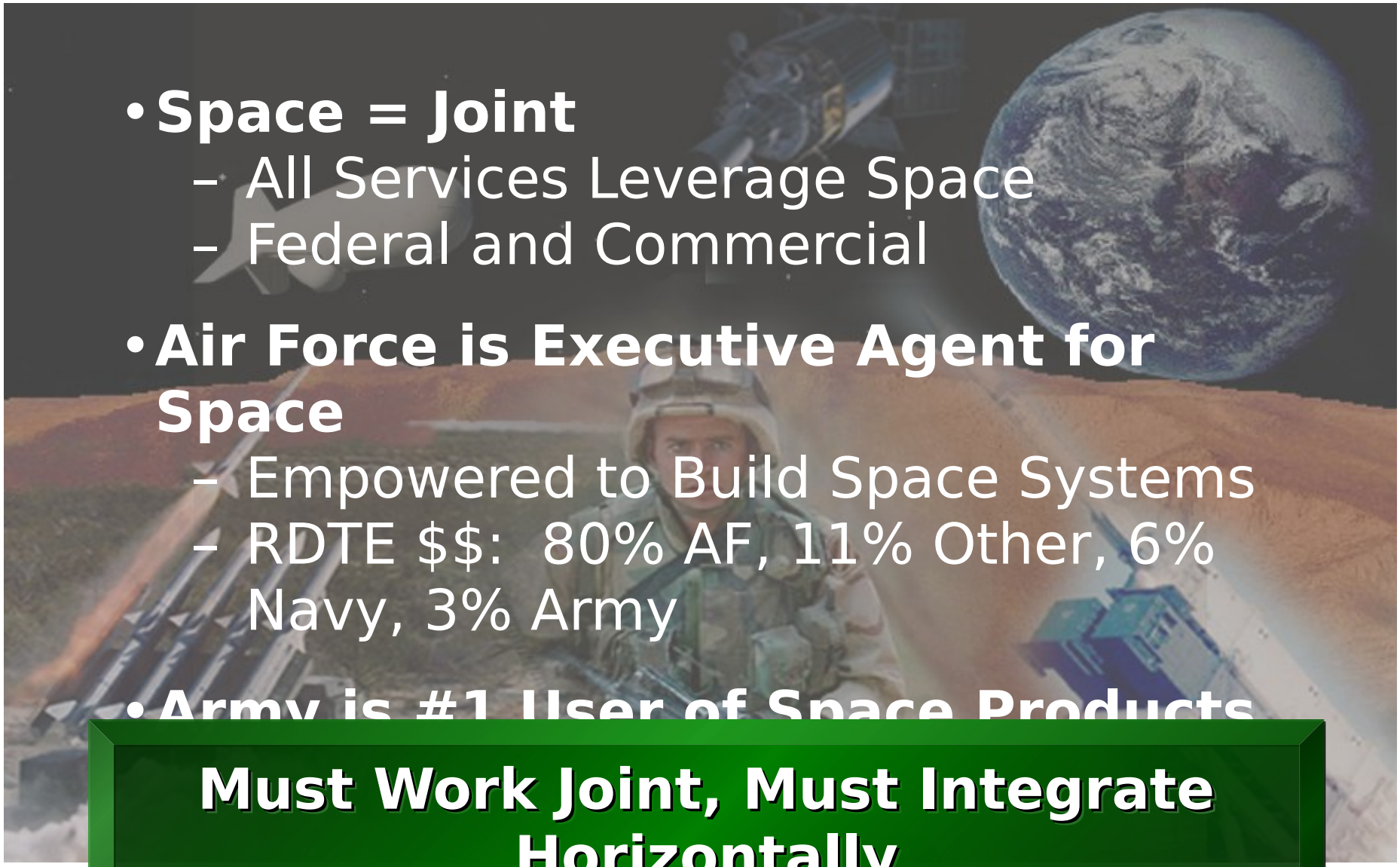
"SPACE OPERATING ENVIRONMENT"



- **Space = Joint**
  - All Services Leverage Space
  - Federal and Commercial
- **Air Force is Executive Agent for Space**
  - Empowered to Build Space Systems
  - RDTE $$: 80% AF, 11% Other, 6% Navy, 3% Army
- **Army is #1 User of Space Products**

Must Work Joint, Must Integrate Horizontally

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MEETING ARMY NEEDS

Needs

- ISR
- SATCOM
- Space Control
- Missile Warning
- PVNT
- WTEM

Systems / Capabilities

Current

- Exploitation System
- Joint Tactical Ground Station
- Spectral Operations Resource Center – Fwd
- DSCS

Emerging

- Space Control
- Space Based Radar
- DCSG-A
- M3P
- High Altitude Airship
- Virtual Mission OC
- SISP

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Acquisition Challenges Exist

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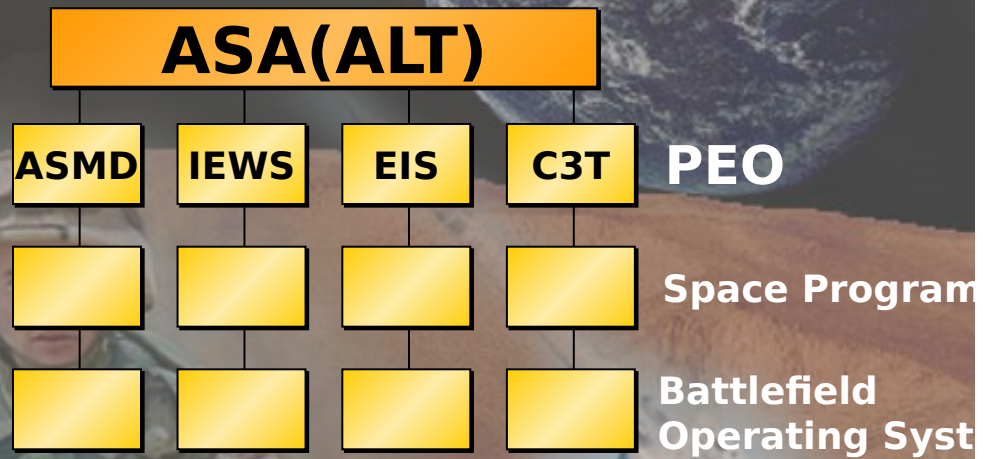
ARMY SPACE ACQUISITION CHALLENGE

- **Fragmented Process**
- **Many Stove-Piped Acquisition Organizations with Separate:**
  - Objectives
  - Reporting Chains
  - Resourcing and PE's (No Consolidated POM Strategy)
- **Inhibits Horizontal Integration**
- **No Fully Integrated**



ROAD TO IMPROVING SPACE ACQUISITI

- Acquisition is Only Part of the Challenge
- Holistic Solution Set is Needed
- Recommendations are Targeted to Multiple Levels

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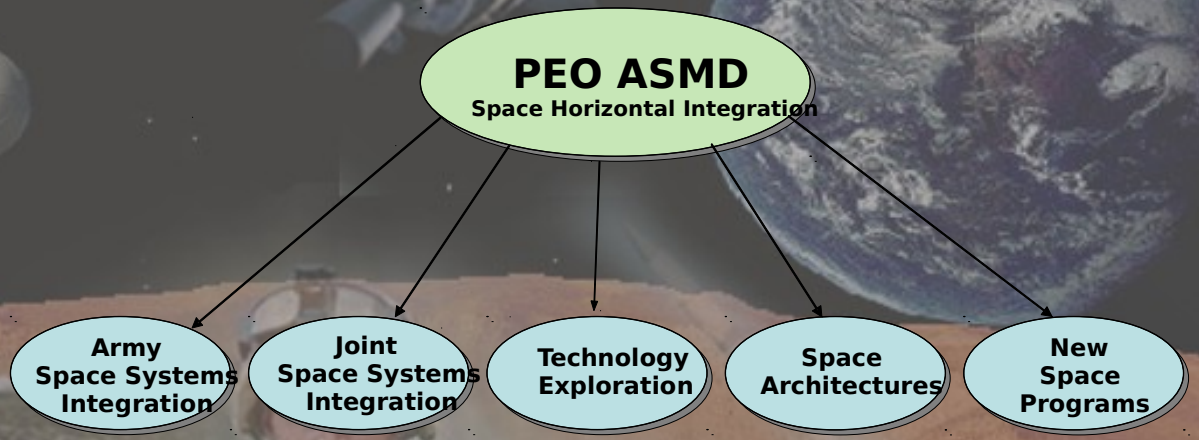
HORIZONTAL INTEGRATION

- Addresses Need for One Army Focal Point for Integration and Coordination of Space Acquisition Across the Army, Joint and DoD Organizations
- PEO ASMD as



Implementing A Strategy to Provide Integrated Space Capabilities

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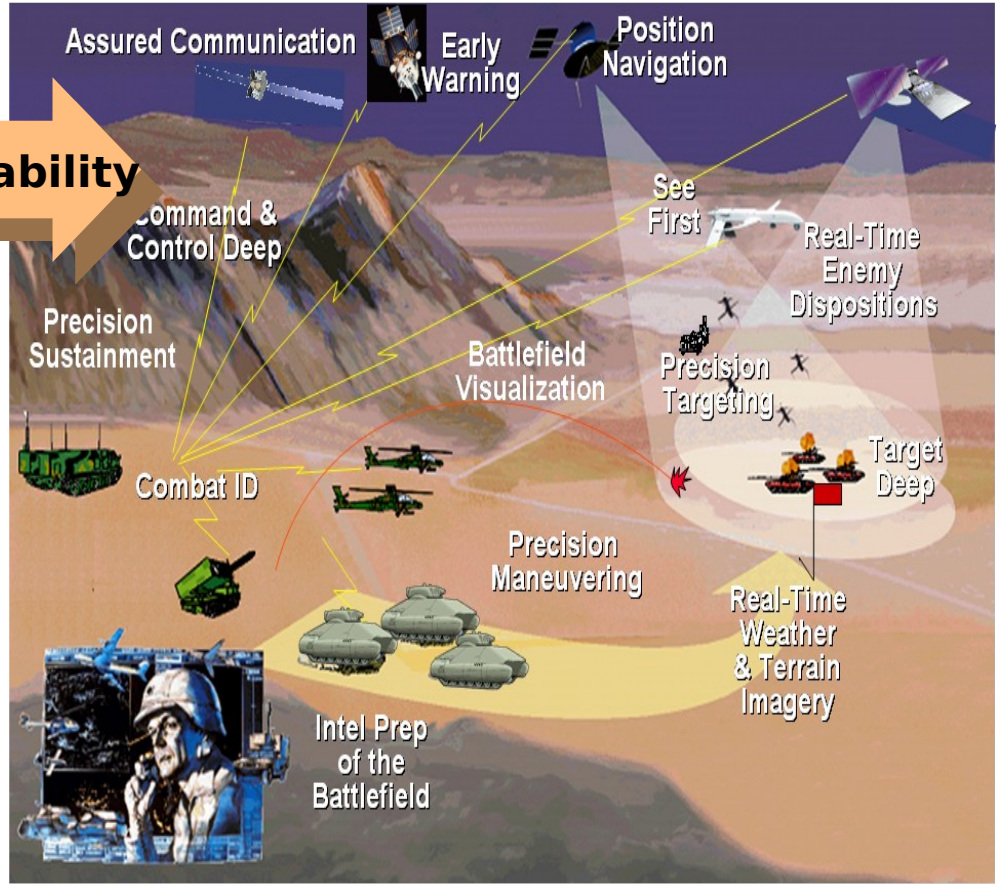
ACQUISITION STREAMLINING

Milestone A B C

Space Capability



- Follow NSS Acquisition Policy
- Leverage Technology Demos
- Non-Developmental Item (NDI) / COTS
- Establish Programs at MS B
- Spiral Development w/ Capability Increments

Rapid Acquisition… Without Shortcuts

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SUMMARY

- Challenges in Army Space Acquisition exist
- The Army is Reorganizing to Support Acquisition of Space Capabilities
- Jointness and Horizontal Integration are Critical to Space Acquisition Success
- The Goal is to Provide Enhanced Space Capabilities for the Future Force

Space — The Future Force Enabler

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